

DEC 0 4 2001 Please type a plus sign (+) inside this box -> + Approved for use through 40/31/2002 Idwill 1859 Approved for use through Hove 1/2 but 09/888,309 Applicati n Number TRANSMITTAL June 21, 2001 Filing Date **FORM** First Named Inventor Melissa K. Carpenter **Group Art Unit** (to be used for all correspondence after initial filing) 1632 Ton, Thaian N. **Examiner Name** 090/002 Total Number of Pages in This Submission Attorney Docket Number **ENCLOSURES** (check all that apply) After Allowance Communication **Assignment Papers** Fee Transmittal Form (for an Application) to Group Appeal Communication to Board Fee Attached Drawing(s) of Appeals and Interferences Appeal Communication to Group Licensing-related Papers Amendment / Reply (Appeal Notice, Brief, Reply Brief) Petition After Final Proprietary Information Petition to Convert to a Affidavits/declaration(s) Provisional Application Status Letter Power of Attorney, Revocation Change of Correspondence Address Other Enclosure(s) (please Extension of Time Request identify below): Terminal Disclaimer PTO Form 1449; References (56) **Express Abandonment Request** Request for Refund Information Disclosure Statement CD, Number of CD(s). Certified Copy of Priority Document(s) Remarks Response to Missing Parts/ Incomplete Application Response to Missing Parts under 37 CFR 1.52 or 1.53 SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT Firm J. Michael Schiff, Registration No. 40,253 Individual name Signature Date November 30, 2001 CERTIFICATE OF MAILING I hereby certify that this correspondence is being deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, Washington, DC 20231 on this date: Typed or printed name

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Name

Date

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In the application of: Carpenter et al.

Serial No.: 09/888,309

Filing Date: June 21, 2001

For: DIRECT DIFFERENTIATION OF HUMAN

PLURIPOTENT STEM CELLS AND

CHARACTERIZATION OF DIFFERENTIATED

CELLS

Art Unit: 1632

Examiner: Ton, Thaian N.

TECH CENTER 1600/290 01 DEC -3 PH 12: 59

INFORMATION DISCLOSURE STATEMENT

Assistant Commissioner for Patents Washington, D.C. 20231

Dear Sir:

The information listed in the accompanying form PTO-1449 and provided herewith may be material to examination of this application and is submitted in compliance with the duty of disclosure under 37 CFR § 1.56. The Examiner is requested to make this information of record in the application.

Docket: 090/002

This Information Disclosure Statement is not to be construed as a representation that a full search for relevant information has been made, that all relevant information has been found, or that the information provided with this Statement is considered to be material to patentability of the claimed invention as defined under 37 CFR § 1.56(b).

It is believed that no fee is required for submission of this Statement, which is filed before the first Office Action on the merits of the application. Nevertheless, should a fee be required for consideration of this Statement and the listed information, the Assistant Commissioner is authorized to charge such fee to Deposit Account No. 07-1139, referencing the attorney Docket Number indicated above.

Respectfully submitted,

J. Midhael Schiff

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DATE: November <u>28</u>, 2001

F rm 1449 (modified)

Inf rmati n Discl sure Stat m nt By Applicant

(Use Several Sheets if Necessary)

Docket: 090/002

U. N. 09/888,309

Title: Direct Differentiation of Human Pluripotent Stem Cells and Characterization of Differentiated Cells
Inventors: Melissa K. Carpenter, Walter D. Funk, R. Scott Theis

Group: 1632

| Examiner Initial | Ref. | Patent No. | Filing Date | Issue Date | Class/ Subclass | Inventors: | Title: |
|---------------------|------|---------------|----------------|---------------|--------------------|-------------------------|---|
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| | к | 6,200,806 | Jun 26/98 | Mar 13/01 | 435/366 | Thomson, J.A. | Primate Embronic Stem Cells |

Foreign Patent or Published Foreign Patent Application

| Examiner | Det | Document Publ. No. Date | Publ. | Juris- | Title: | Translation | |
|----------|------|-------------------------|-----------|--------|---|-------------|---|
| Initial | Ref. | | diction | Tide: | Yes | No | |
| | L | WO 99/04775 | Feb 4/99 | PCT | Method of Treating Dopaminergic and Gaba-Nergic Disorders | | _ |
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| | N | WO 99/43785 | Sep 2/99 | PCT | Derivation of Cells and Tissues from Embryonic Pre- Stem Cells for Transplantation Therapies | | _ |
| | 0 | WO 99/53021 | Oct 21/99 | PCT | Cell Differentiation/Proliferation and Maintnance and Uses Thereof | | |
| | Р | WO 00/17323 | Mar 30/00 | РСТ | Stable Neural Stem Cell Lines | | |

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Form 1449 (modified)

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Filing Date: June 21, 2001

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